

Man-Woo Park

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

939
citations

12
h-index

19
g-index

19
ext. papers

1,140
ext. citations

6.4
avg, IF

4.78
L-index

#	Paper	IF	Citations
19	Utilizing safety rule correlation for mobile scaffolds monitoring leveraging deep convolution neural networks. <i>Computers in Industry</i> , 2021 , 129, 103448	11.6	9
18	UAV-RFID Integration for Construction Resource Localization. <i>KSCE Journal of Civil Engineering</i> , 2020 , 24, 1683-1695	1.9	15
17	Bridge-surface panoramic-image generation for automated bridge-inspection using deepmatching. <i>Structural Health Monitoring</i> , 2020 , 147592172093038	4.4	1
16	3D tracking of multiple onsite workers based on stereo vision. <i>Automation in Construction</i> , 2019 , 98, 1469-159	15.9	31
15	Vision-based surveillance system for monitoring traffic conditions. <i>Multimedia Tools and Applications</i> , 2017 , 76, 25343-25367	2.5	9
14	Predicting movements of onsite workers and mobile equipment for enhancing construction site safety. <i>Automation in Construction</i> , 2016 , 68, 95-101	9.6	73
13	Continuous localization of construction workers via integration of detection and tracking. <i>Automation in Construction</i> , 2016 , 72, 129-142	9.6	61
12	Construction performance monitoring via still images, time-lapse photos, and video streams: Now, tomorrow, and the future. <i>Advanced Engineering Informatics</i> , 2015 , 29, 211-224	7.4	130
11	Hardhat-Wearing Detection for Enhancing On-Site Safety of Construction Workers. <i>Journal of Construction Engineering and Management - ASCE</i> , 2015 , 141, 04015024	4.2	98
10	A vision-based method for on-road truck height measurement in proactive prevention of collision with overpasses and tunnels. <i>Automation in Construction</i> , 2015 , 50, 29-39	9.6	11
9	Automated Brick Counting for Façade Construction Progress Estimation. <i>Journal of Computing in Civil Engineering</i> , 2015 , 29, 04014091	5	13
8	Entity Matching for Vision-Based Tracking of Construction Workers Using Epipolar Geometry. <i>KIBIM Magazine</i> , 2015 , 5, 46-54		
7	Full-Body Occlusion Handling and Density Analysis in Traffic Video-Surveillance Systems. <i>Transportation Research Record</i> , 2014 , 2460, 58-65	1.7	1
6	Construction worker detection in video frames for initializing vision trackers. <i>Automation in Construction</i> , 2012 , 28, 15-25	9.6	163
5	Three-Dimensional Tracking of Construction Resources Using an On-Site Camera System. <i>Journal of Computing in Civil Engineering</i> , 2012 , 26, 541-549	5	75
4	Detection of Construction Workers in Video Frames for Automatic Initialization of Vision Trackers 2012 ,		9
3	Comparative study of vision tracking methods for tracking of construction site resources. <i>Automation in Construction</i> , 2011 , 20, 905-915	9.6	81

- 2 Automated vision tracking of project related entities. *Advanced Engineering Informatics*, **2011**, 25, 713-724 140
- 1 1-Norm-based regularization scheme for system identification of structures with discontinuous system parameters. *International Journal for Numerical Methods in Engineering*, **2007**, 69, 504-523 2.4 19